

Ascend Performance Materials Vydyne® 21MST Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced

Material Notes:

Vydyne® 21MST is a neat PA66 resin that is designed for extrusion-compounding applications. This general-purpose resin provides excellent viscosity stability against moisture through the extrusion process. Vydyne 21MST maintains its medium viscosity through the compound step. Resistance of Vydyne 21MST to heat, oil and wear is typical of PA66 neat resins. Typical Applications/End Uses: Compounding Availability: Asia Pacific Europe North America Features: Gasoline Resistance General Purpose Good Abrasion Resistance Good Chemical Resistance Good Toughness High Rigidity High Strength Low Viscosity Oil Resistant Solvent Resistant Uses: Compounding General Purpose Appearance: Natural Color Forms: Pellets Processing Method: Compounding and Compounding Extrusion Information provided by Ascend Performance Materials.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ascend-Performance-Materials-Vydyne-21MST-Nylon-66.php

Physical Properties	Metric	English	Comments
Bulk Density	0.674 g/cc	0.0243 lb/in³	ASTM D1895
Density	1.14 g/cc	0.0412 lb/in³	ISO 1183
Moisture Absorption	0.500 %	0.500 %	ASTM D6869
Relative Viscosity	41 - 45 cP	41 - 45 cP	Formic Acid; ASTM D789
Viscosity Measurement	129 - 137	129 - 137	Viscosity Number cm³/g; H2SO4; ISO 307

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ISO 11357-3

Optical Properties	Metric	English	Comments
Yellow Index	4.0 %	4.0 %	ASTM D1925

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